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|--|---|---|--|--|--|--|--|--|
| FORM PTO-1990 U.S.DEPARTMENT OF COMOG | ATTORNEY'S DOCKET NUMBER | | | | | | | |
| TRANSMITTAL LETTER | JMYT-337US | | | | | | | |
| | ED OFFICE (DO/EO/US) NG UNDER 35 U.S.C. 371 | U.S. APPLICATION NO. (Iffmonts, see 37 CFR L.5) | | | | | | |
| CONCERNING A FILL | | To Be Assigned 16482 | | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/GB03/01959 | INTERNATIONAL FILING DATE 6 May 2003 (06.05.2003) | PRIORITY DATE CLAIMED 31 May 2002 (31.05.2002) | | | | | | |
| TITLE OF INVENTION | 0 May 2003 (00.03.2003) | 31 May 2002 (31.03.2002) | | | | | | |
| MANUFACTURE OF A GAS DIF | FUSION ELECTRODE | | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | | | |
| GASCOYNE, John Malcolm and H | • | · · · | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | |
| 1. A This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | | |
| <u> </u> | BSEQUENT submission of items conc | • | | | | | | |
| 3. A This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | |
| 4. | Article 31). | | | | | | | |
| 5. A copy of the International | al Application as filed (35 U.S.C. 371(c) | (2)) | | | | | | |
| a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | |
| | cated by the International Bureau. he application was filed in the United St | ates Receiving Office (RO/LIS) | | | | | | |
| | slation of the International Application a | • | | | | | | |
| | minor of the merimional Application of | s filed (33 0.3.c. 37 f(c)(2)). | | | | | | |
| a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | | |
| a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | |
| b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | |
| d. A have not been made | | en amenancias nas 1101 expired. | | | | | | |
| 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | |
| 9. An executed/ unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | |
| 10. An English language translation of the annexes to the International Preliminary Examination Report under | | | | | | | | |
| PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | | |
| Items 11 to 20 below concern doc | uments(s) or information included: | | | | | | | |
| 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. | | | | | | | | |
| 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 13. A preliminary amendment. | | | | | | | | |
| 14. An Application Data Sheet under 37 CFR 1.76. | | | | | | | | |
| 15. A substitute specification. | | | | | | | | |
| 16. A power of attorney and/or change of address letter. | | | | | | | | |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | | | | | | | |
| 18. A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 20. Other items or information: Credit Card Payment | | | | | | | | |
| Certificate of Mailing by Express Mail | | | | | | | | |
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| 4 Inham august | | | | | | | | |
| 1/2005 RHTNES 0000000 400000 Form PTO-1390 (Rev. 01-2003 (AW-02-200 | 3) page 4tof2: | | | | | | | |
| FC:1202 72.00 DA | | | | | | | | |
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| To Be Assigned 7 2 10 4 8 2 International Application No. PCT/GB03/01959 | | | | | ATTORNEY DOCKET NUMBER JMYT-337US | | | |
|--|---|---|---|---------------------------|---------------------------------------|-----------|--|--|
| 21 X The following 6 | es are submitted: | | | CALCULATIONS PTO USE ONLY | | | | |
| 21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1) – (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110.00 | | | | | | | | |
| International preliminary of USPTO but International | | | | | | | | |
| International preliminary of but international search fe | | | | | | | | |
| International preliminary | examination fee (37 CFR | 1.482) paid to USPTO |) \$750.00 | | | | | |
| but all claims did not satisfy provisions of PCT Article 33 (1)-(4) International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) \$100.00 | | | | | | | | |
| • | \$ 950 | | | | | | | |
| Surcharge of \$130.00 for fi from the earliest claimed p | | aration later than 30 m | | \$ | | | | |
| CLAIMS | NUMBER FILED | EXTRA NUMBER | RATE | | | | | |
| Total claims | 12 - 20 = | 0 | X \$18.00 | \$0 | | | | |
| Independent claims | 2-3 = | 0 | X \$88.00 + \$300.00 | \$ O | | | | |
| MULTIPLE DEPENDENT | | | | | | | | |
| | TOTAL (| OF ABOVE CAL | CULATIONS = | \$0 | · · · · · · · · · · · · · · · · · · · | | | |
| Applicant claims sma are reduced by 1/2. | Il entity status. See 37 C | FR 1.27. The fees ind | icated above | \$ | | | | |
| | | | SUBTOTAL = | \$ 950 |) | | | |
| Processing fee of \$130.00 from the earliest claimed p | | | 30 months + | \$ | | | | |
| | | TOTAL NA | TIONAL FEE = | \$ 950 |) | | | |
| Fee for recording the enclo | sed assignment (37 CFR | 1.21(h)). The assignn | nent must be | S | | | | |
| accompanied by an approp | er property + | _ | | | | | | |
| | | TOTAL FEES | S ENCLOSED - | \$ 950 |) | | | |
| | | Amount to be refunded: | \$ | | | | | |
| | | | | | Charged: | \$ | | |
| a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | |
| c. M The Commiss overpayment | sioner is hereby authorito Deposit Account No | ized to charge any a b. <u>18-0350</u> . A dupli | dditional fees which to cate copy of this shee | may be t is end | required, or cre closed. | dit any | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | |
| ☑ Customer Number or Bar Code Label (Insert Customer Noor Attach bar code label here) or ☐ Correspondence address below | | | | | | spondence | | |
| Send All Correspondence to: | | | | | | | | |
| Christopher R. Lewis Name | | | | | | | | |
| . 36,201 Registration Number | | | | | | | | |
| November 30, 2004 Date | | | | | | | | |

Form PTO-1390 (Rev. 01-2003 (AW 02-2003) page 2 of 2

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003

Application or Docke: Number

10/516482

| 1 | CLAIMS AS FILED - PART I | | | | | | | | | | | | |
|---|---|---|-----------------------|--|----------|------------------|--------------|---------------------|------------------------|----------|------------------|-----------------|--|
| I. | | | (Column 1) (Column 2) | | | | | SMALL ENTITY TYPE | | | ОТН | OTHER THAN | |
| | TOTALCU | NMS | 194 | 24 | | NUMBER EXTRA | | RATI | FE | _ | | SMALL ENTITY | |
| | FOR | | NUME | NUMBER FILED | | | | BASIC F | | \dashv | BASIC F | - | |
| | TOTAL CHAI | RGEABLE CLAIM | s 24 | 24 minus 20= | | 4 | | XS 9: | | | | 1730 | |
| H | INDEPENDE | | 12 | 2 minus 3 = T | | | | X43= | | | - | 100 | |
| IL | MULTIPLE D | EPENDENT CLAIM | A PRESENT | | | 1 | | + | OF | X86= | <u> </u> | | |
| • | • If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | | +145= | | OF | -290= | | |
| ١. | | CLAIMS AS | | | | | | TOTAL | · L | OF | | | |
| r | 1 | (Column 1 | | (Column 2) (Column 3) | | 11 | SMALL ENTITY | | | | R THAN ENTITY | | |
| | ₹ | REMAINING AFTER | | HIGHE: NUMBE PREVIOU | R | PRESENT | | RATE | ADDI- TIONA | | | ADDI- | |
| AMENDARALIT | Total | AMENDMEN AMENDMEN | Minus | PAID FO | | EXTRA | - | | FEE | | RATE | TIONAL FEE | |
| NUM | Independe | int · 2 | Minus | | 2 | = 4 | - | XS 9= | | OR | X\$18- | 200.00 | |
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| | | | | | | | | TOTAL ADDIT, FEE | | OR | TOTAL | 200.00 | |
| Г | | (Column 1) | | (Column | | (Column 3) | | | | _ | , 42 | | |
| AMENDMENT B | | REMAINING AFTER AMENDMENT | | NUMBER PREVIOUS PAID FO | R SLY | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL | |
| ENDI | Total | | Minus | •• | | | | XS 9= | | OR | X\$18= | FEE | |
| Z | Incepender FIRST PRE | SENTATION OF N | Minus | DENDENT OF | | = | | X43= | | OR | X86= | | |
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| | | (Column 1) | | (Column : | 2)· ((| Column 3). | · A | DDIT. FEE | | ION A | DDIT. FEEL | | |
| OMENI C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOÙSL PAID FOR | Y 1 | PRESENT EXTRA | İ | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL | |
| ב ב | Total | · | Minus | | = | | T | X\$ 9= | , C.E. | <u>_</u> | X\$18= | FEE | |
| 2 | Independent | | Minus | ••• | . = | · | \vdash | X43= | | - | | | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | - | | | OR | X86= | | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT FEE OR +290= TOTAL OR TOTAL | | | | | | | | | | | | | |
| . 1 | The "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE OR ADDIT, FEE Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | | | |
| RM PTO-873 (Rev. 1073) | | | | | | | | | | | | | |